

ORIGINATION FORM
Proposed Revisions to the Specifications

Date:

Specification Section:

Originator:

Articles/Subarticles:

Telephone:

email:

Why does the existing language need to be changed?

Summary of the changes:

Are these changes applicable to all Department jobs? Yes No
If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? Yes No
If yes, what is the estimated change in costs?

With who have you discussed these changes?

What other offices will be impacted by these changes?

Will this revision necessitate changes to the following: BOE PPM SDG CPAM

Design Standards List Affected Index Nos.

Other manual?

Are all references to external publications current? Yes No
If not, what references need to be updated (please include changes in the redline)?

Will this revision necessitate any of the following:

Design Bulletin

Construction Bulletin

Estimates Bulletin

Contact the State Specifications Office for assistance in completing this form.

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Florida Department of Transportation

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ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: November 13, 2014
TO: Specification Review Distribution List
FROM: Daniel Scheer, P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **4580205 Bridge Deck Joints.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

The changes are proposed by Cheryl Hudson of the State Structures Design Office to change FM 3 C1028 to ASTM F 1677 or ASTM F 1679.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or online at <http://www2.dot.state.fl.us/SpecificationsEstimates/Development/IndustryReview.aspx> . Comments received after **December 11, 2014**, may not be considered. Your input is encouraged.

DS/ot
Attachment

BRIDGE DECK JOINTS**(REV 10-2829-14)**

SUBARTICLE 458-2.5 is deleted and the following substituted:

458-2.5 Sidewalk Cover Plates: Furnish slip resistant, *random hatch matrix or suitable pattern*, -galvanized steel sidewalk cover plates *fabricated from steel meeting the requirements of in accordance with* ASTM A 36 or ASTM A 709, Grade 36 or 50. ~~and as shown in the Design Standards, Index Nos. 21100 and 21110 or in the Contract Documents. Sidewalk cover plates shall be an anti-slip steel surface consisting of a random hatch matrix or other suitable pattern.~~ Do not use diamond plate or surface applied slip resistant tapes, films, nonmetallic coatings or other similar materials. *Fabricate cover plates in accordance with Design Standards Index Nos. 21100 and 21110. After shop fabrication, hot-dip galvanize cover plates in accordance with Section 962. Galvanized* Sidewalk cover plates shall have a minimum coefficient of friction on the top ~~galvanized~~ surface of 0.8 in dry condition, and 0.65 in a wet condition, as determined by *ASTM- F- 1677-05 or ASTM- F- 1679-04 FM 3-C1028. After shop fabrication, hot-dip galvanize in accordance with Section 962 and the cover plate manufacturer's recommendations.* Furnish flat head stainless steel sleeve anchors in accordance with ASTM F 593 Group 1 Alloy 304 for attaching sidewalk cover plates. Install sleeve anchors in accordance with the manufacturer's instructions.